

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025559**Date Inspected:** 30-Jul-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Li Yang ZPMC**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG 13BE and 13CE**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Robert A. DeArmond was present during the time noted above and conducted observations relative to the work being performed.

ZHENHUA No. 19

Ultrasonic Testing (UT)

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. All components were as listed on NWIT notification no. 09843. The member(s) is/are identified as OBG 13BE and 13CE Floor Beam Flange to Longitudinal Diaphragm and Web Plate to Floor Beam Flange. The weld designations reviewed are as follows

SEG3011C-183, 256, SEG3011D-159, 162, SEG3011E-068, SEG3011G-068, 221, 060, 061, SEG3011J-068, 235, SEG3011L-246, 247, SEG3009C-197, 198

This Quality Assurance Inspector (QA) reviewed, recorded, and entered data from notice of inspection requests performed by this QA inspector and uploaded documentation from contract documents, including Caltrans Special Provisions, project plans, and contract change orders for the purpose of tracking and compliance to contract documents.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

As mentioned above between QA and QC concerning this project

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150000422372, who represents the Office of Structural Materials for your project.

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| Inspected By: | DeArmond,Robert | Quality Assurance Inspector |
| Reviewed By: | Riley,Ken | QA Reviewer |
